

\* EPSPACE / EPO

PN -JP2001038986 A 20010213  
 PD -2001-02-13  
 PR -JP19990216430 19990730  
 OPD -1999-07-30  
 TI -APPARATUS AND METHOD FOR CONTROLLING PRINTING AND MEMORY MEDIUM WITH COMPUTER READABLE PROGRAM STORED THEREON  
 IN -OYAMA NAOKI  
 PA -CANON KK  
 IC -B41J29/20 ; B41J11/42 ; B41J29/38 ; G03G21/00 ; G06F3/12

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TI -Network printer controller calculates order timing for supplementing consumables, based on number of pages to be processed in fixed time and remaining consumables  
 PR -JP19990216430 19990730  
 PN -JP2001038986 A 20010213 DW200257 B41J29/20 009pp  
 PA - (CANO ) CANON KK  
 IC -B41J11/42 ;B41J29/20 ;B41J29/38 ;G03G21/00 ;G06F3/12  
 AB -JP2001038986 NOVELTY - A non-volatile RAM 22) stores the amount of consumables consumed in printing and a count value indicating the number of pages to be processed in a fixed time. A CPU (calculates the order timing for supplementing the consumables from the count value and the remaining consumables and judges whether the present day and time meet the order timing or not.  
 -USE - For managing supplementing consumables in printer networked with data processor.  
 -ADVANTAGE - Prevents idle state of printer due to the lack of consumables, by informing the optimum order timing to the user for supplementing the consumables.  
 -DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of control apparatus. (Drawing includes non-English language text).  
 -CPU 12  
 -RAM 22  
 - (Dwg.1/1)  
 OPD -1999-07-30  
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 TI -APPARATUS AND METHOD FOR CONTROLLING PRINTING AND MEMORY MEDIUM WITH COMPUTER READABLE PROGRAM STORED THEREON  
 AB -PROBLEM TO BE SOLVED: To surely prevent a printer from getting into a state of being disabled from printing due to a lack of consumables by in forming a user of an optimum order timing for supplementing the consumables under a network print processing environment responding to printing requests from a plurality of data-processing apparatuses.  
 -SOLUTION: Amounts of consumables consumed in accordance with the execution of a printing process are detected, and a count value obtained by counting the number of pages to be processed in a fixed time is stored in an NVRAM22 and controlled. A CPU12 calculates an order timing for supplementing the consumables from the count value stored in the NVRAM22 and an amount of remaining consumables, judges whether the present day and time meet the order timing, and controls to warn a lack of the consumables .  
 I -B41J29/20 ;B41J11/42 ;B41J29/38 ;G03G21/00 ;G06F3/12